## What we claim is:

1. A compound having the formula.

or a pharmaceutically acceptable salt thereof wherein  $R_1$  is

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GY20a

wherein  $R_2$  is fluoro, chloro, bromo, iodo, hydrogen, methyl, trifluoromethyl, ethyl, n-propyl, 2-fluoroethyl, 2-chloroethyl, ethynyl or

$$C = C R_3$$

$$(\underline{trans})$$

wherein  $R_3$  is chloro, bromo, iodo, hydrogen methyl or trifluoromethyl;  $R_4$  is alkyl;  $R_5$  is hydrogen, alkyl, substituted alkyl, or aryl; and  $R_6$  and  $R_7$  are independently hydrogen,

-PO<sub>3</sub>H<sub>2</sub> or -C-R<sub>5</sub>.

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2. A compound according to Claim 1

wherein R<sub>1</sub> is

3. A compound according to/Claim 1 wherein  $R_1$  is

A compound according to Claim 1 wherein

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 $R_6$  and  $R_7$  are independently hydrogen or  $-C - R_5$ .

4 8. A compound according to Claim 2 wherein

 $R_6$  and  $R_7$  are independently hydrogen or  $-PO_3H_2$ .

A compound according to Claim & wherein

 $R_6$  and  $R_7$  are hydrogen.

(1) A compound according to Claim X wherein  $R_1$  is

-112-A compound according to Claim X wherein  $R_1$  is 9. A compound according to Claim 1 wherein  $R_1$  is 10 10. A compound according to/Claim 1 wherein  $R_1$  is 15 11. A compound according to Claim 1 wherein 20  $R_1$  is according to Claim 1 wherein 12. A compound 25  $R_1$  is 30 13. A compound according to Claim 1 wherein  $R_1$  is 35

14. A compound according to Claim 1 wherein  $R_1$  is 8 13. A compound according to Claim 1/2,  $[1S-(1\alpha,3\alpha,4\beta)]-2-amino-1,9-dihydro-9-$ [4-hydroxy-3-(hydroxymethyl)-2-methylene-10 cyclopentyl]-6H-purin-6-one. 16. A compound according/to Claim 1,  $[1S-(1\alpha,3\alpha,4\beta)]-1-[4-hydroxy-3/(hydroxymethyl)-$ 2-methylenecyclopentyl]-5-methyl-2,4(1H,3H)pyrimidinedione. 17. A compound according to Claim 1, 15  $[1S-(1\alpha,3\alpha,4\beta)]-4-amino-1-[A-hydroxy-3--$ (hydroxymethyl)-2-methylenecyclopentyl]-2(1H)-pyrimidinone. 18. A compound according to Claim 1,  $[1S-(1\alpha,3\alpha,4\beta)]-1-[4-hydroxy-3-(hydroxymethyl)-$ 2-methylenecyclopentyl -5-Aodo-2,4(1H,3H)pyrimidinedione. 19. A compound according to Claim 1,  $[1S-[1\alpha(E),3\alpha,4\beta]]-5/-(2-bromoethenyl)-1-$ 25 [4-hydroxy-3-(hydroxymethyl)-2-methylenecyclopentyl]-2,4(1H,3H)/pyrimidinedione. 9 20. A compound according to Claim X,  $[1R-(1\alpha,3\alpha,5\beta)]-3-(6-amino-9H-purin-9-yl)-5$ hydroxy-2-methylenecyclopentanemethanol. 21. A compound according to Claim 1,  $[1S-[1\alpha(E), 3\alpha, 4\beta]]-5-(2-chloroethenyl)-1-[4$ hydroxy-3-(hydroxymethy/1)/2-methylenecyclopentyl]-2,4(1H,3H)-pyrimidinedione.

22. A compound according to Claim 1, [1S-[1 $\alpha$ (E),3 $\alpha$ ,4 $\beta$ ]]-1-(4-hydroxy-3-(hydroxymethyl)-2-methylenecyclopentyl)-5-(2-iodoethenyl)-2,4(1H,3H)-pyrimidinedione.

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